
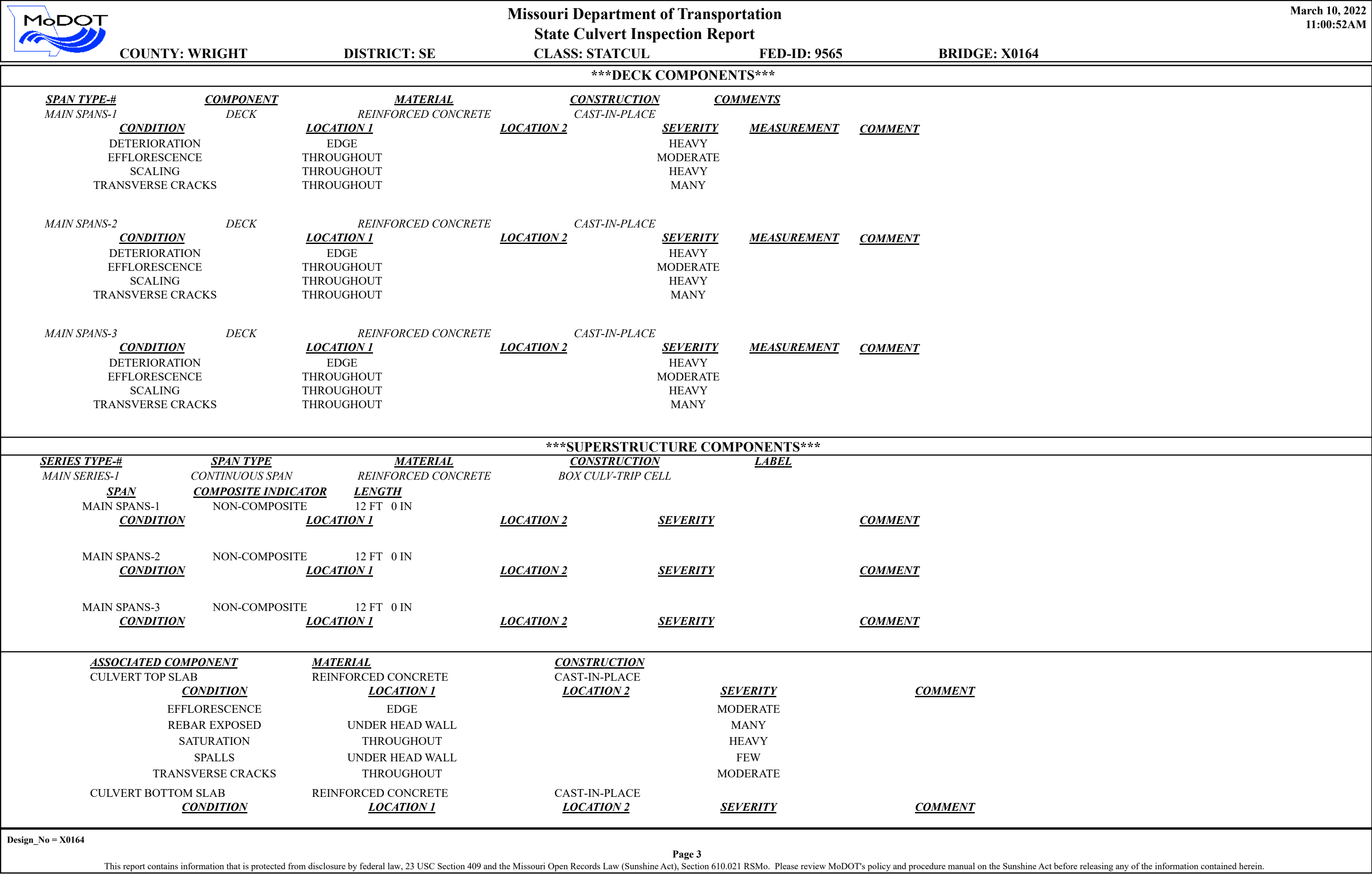
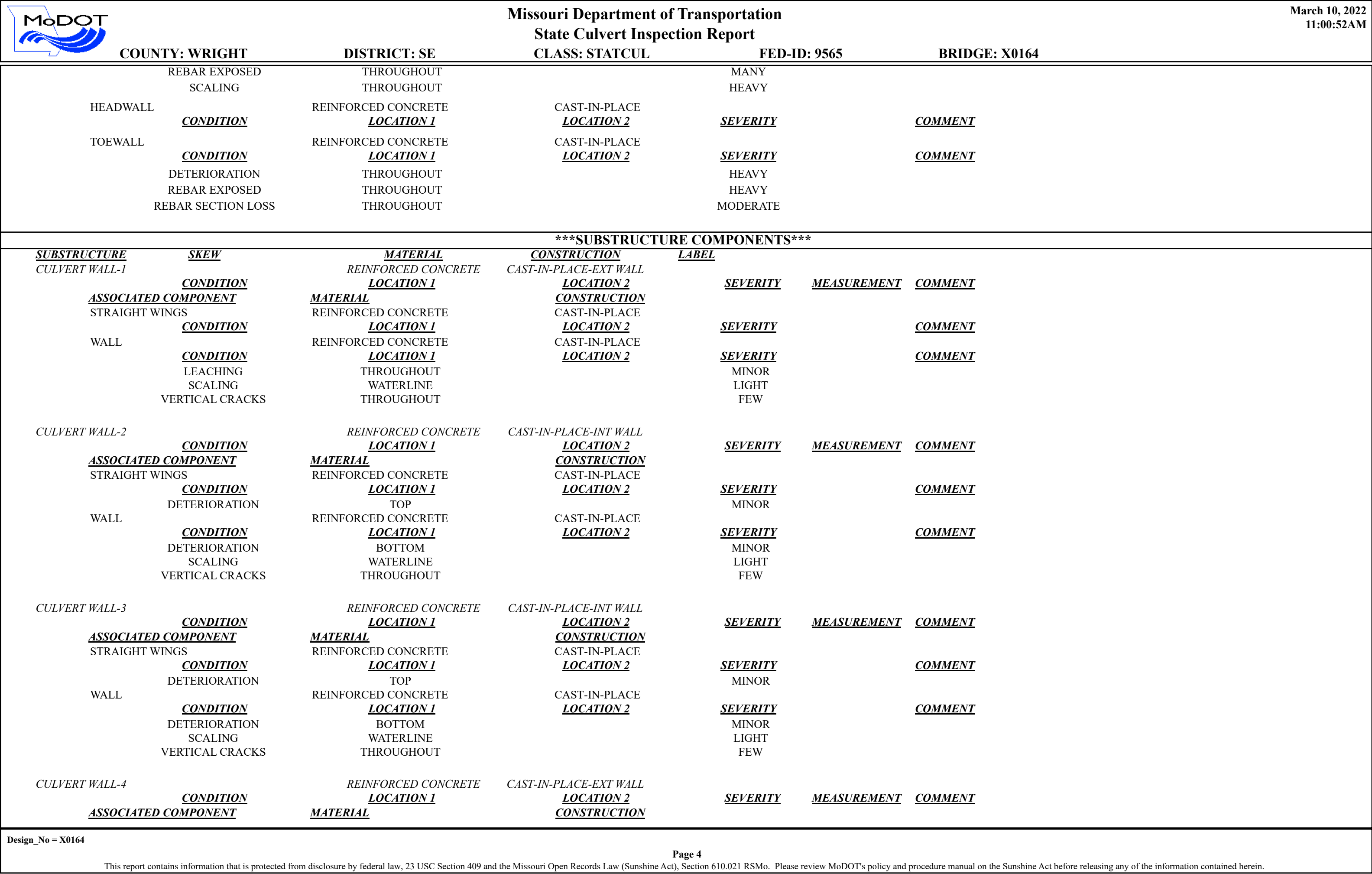

		Missouri Department of Transportation				March 10, 2022	
		State Culvert Inspection Report				11:00:52AM	
COUNTY: WRIGHT		DISTRICT: SE		CLASS: STATCUL		FED-ID: 9565	
						BRIDGE: X0164	
***GENERAL STRUCTURE INFORMATION***						***CULVERT INSPECTION INFORMATION***	
<b>ROUTE:</b> RTME <b>FEATURE:</b> PARKS CR <b>STATUS:</b> A-OPEN <b>LOG MILE:</b> 14.211 <b>DETOUR:</b> 38.00 MILES <b>NHS:</b> NO <b>BUILT:</b> 1950 <b>REHAB:</b> <b>LOCATION:</b> S 18 T 31 R 15 W <b>LATITUDE:</b> 37 23 34.18 (DMS) <b>LONGITUDE:</b> 92 37 14.15 (DMS)		# SPANS: 3 LANES ON: 2 FILL DEPTH: COMPASS DIRECTION: WEST to EAST DIRECTION OF TRAFFIC: 2-WAY TRAF FUNCTIONAL CLASS: RL-MAJOR COLLECTOR NBI OWNER: MODOT NBI MAINTAINED: MODOT MAINTENANCE DISTRICT: SE MAINTENANCE COUNTY: WRIGHT SUB AREA: 7H21		PLACE CODE: 75094 UNION LENGTH: 37 FT 0 IN MAXIMUM SPAN: 12 FT 0 IN APPROACH ROADWAY: 24 FT 0 IN CURB TO CURB: 24 FT 0 IN BARREL LENGTH: 25 FT 0 IN AADT: 829 AADT YEAR: 2021 AADT TRUCK: 11.1% FUTURE AADT: 1285 FUTURE AADT YEAR: 2041		DATE: 02/01/2022RESPONSIBILITY: DISTRICT	
						FREQUENCY: 24CALCULATED INTERVAL**: 24	
						TEAM LEADER: TERRY L SHUNAMONELEMENT: NO	
						INSPECTOR 2:INSPECTOR 4:	
						INSPECTOR 3: ** When calculated interval exceeds the frequency, a justification comment per BIRM is required.	
						<b>GENERAL INSPECTION COMMENTS</b>	
***SPECIAL INSPECTION INFORMATION***				***UNDERWATER INSPECTION INFORMATION***			
DATE:		RESPONSIBILITY:		CATEGORY:		DATE:	
FREQUENCY:		CALCULATED INTERVAL**:		NBI:		RESPONSIBILITY:	
TEAM LEADER:		INSPECTOR 3:		METHOD:		CATEGORY:	
INSPECTOR 2:		INSPECTOR 4:				NBI:	
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.				** When calculated interval exceeds the frequency, a justification comment per BIRM is required.			
<b>SPECIAL INSPECTION COMMENTS</b>				<b>UNDERWATER INSPECTION COMMENTS</b>			
<b>OTHER SPECIAL INSPECTIONS</b>				<b>OTHER UNDERWATER INSPECTIONS</b>			
<u>DATE</u>	<u>FREQUENCY</u>	<u>CATEGORY</u>	<u>NBI</u>	<u>CALCULATED INTERVAL</u>	<u>RESPONSIBILITY</u>	<u>METHOD</u>	<u>DATE</u>
							<u>FREQUENCY</u>
							<u>CATEGORY</u>
							<u>NBI</u>
							<u>CALCULATED INTERVAL</u>
							<u>RESPONSIBILITY</u>
							<u>METHOD</u>
***STRUCTURE POSTING***							
APPROVED CATEGORY: S-1		NO POSTING REQUIRED					
Ton 1:		Ton 2:		Ton 3:			
COMMENTS:							
FIELD CATEGORY: S-1		NO POSTING REQUIRED					
Ton 1:		Ton 2:		Ton 3:		PROBLEM:	
COMMENTS:		PROBLEM DIRECTION:					
***GENERAL COMMENTS/MAJOR RATED ITEMS***							
GENERAL COMMENTS: (BOWDEJ1, 02/04/2010)--3 @ (12') CONC SOLID SLAB SPANS							
[ITEM 62] CULVERT: 4-POOR CONDITION				COMMENTS: (DENNIB1, 02/22/2018)--CRACKING, SATURATION, & DETERIORATION			
RATING : 02/22/2018							
Design_No = X0164							
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[ITEM 61] BANK/CHANNEL: 6-WIDESPREAD MINOR DAMAGE		COMMENTS: (PROCKD, 02/27/2014)--SCOUR HOLE AT DOWNSTREAM APRON					
RATING : 02/22/2018		(DENNIB1, 02/24/2016)--DAMAGE TO DS APRON					
		(BRAWLK1, 02/22/2022)--MED. DOWNSTREAM BANK EROSION.					
[ITEM 113] SCOUR: 5-FOUNDATION STABLE		COMMENTS: (BRAWLK1, 02/22/2022)--5 1/2' SCOUR DOWNSTREAM BELOW APRON					
RATING : 02/22/2018							
EVALUATION TYPE :							
[ITEM 71] WATERWAY ADEQUACY: SIGNIFICANT DELAY APPRCH		COMMENTS:					
RATING : 05/18/2001							
[ITEM 72] APPRRDWY ALIGNMENT: 6-SATISFACTORY		COMMENTS:					
RATING : 05/18/2001							
***RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS***							
[ITEM 36A] BRIDGE RAILING RATING: NOT PROVIDED-0		RATING : 02/21/2012		COMMENTS:			
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>	
REINFORCED CONCRETE		CURB		BOTH			
[ITEM 36B] TRANSITION RAILING RATING: NOT PROVIDED-0		RATING : 02/21/2012		COMMENTS:			
[ITEM 36C] APPROACH RAILING RATING: NOT PROVIDED-0		RATING : 02/21/2012		COMMENTS:			
[ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0		RATING : 02/21/2012		COMMENTS:			
APPROACH PAVEMENT: *Overall condition assigned for each approach pavemenet component is shown below.							
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>CONDITION*</u>	
REINFORCED CONCRETE		SLAB		BOTH		<u>COMMENTS</u>	
***BANK AND DECK PROTECTIVE COMPONENTS***							
<u>DECK PROTECTIVE COMPONENTS:</u>							
<u>SERIES TYPE-#</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
MAIN SERIES-1		WEARING SURFACE		ASPHALT		BITUMINOUS MAT	
<u>COMMENT:</u>							
		DECK PROTECTION		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
		MEMBRANE		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
<u>BANK PROTECTION COMPONENTS:</u>							
<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>	
BANK PROTECTION		ROCK		GROUTED		<u>COMMENTS</u>	
Design_No = X0164							
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				BRIDGE: X0164			
STRAIGHT WINGS		REINFORCED CONCRETE		CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
WALL		REINFORCED CONCRETE		CAST-IN-PLACE		<u>COMMENT</u>	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
DETERIORATION		RANDOM		MINOR			
LEACHING		THROUGHOUT		MINOR			
SCALING		WATERLINE		LIGHT			
VERTICAL CRACKS		THROUGHOUT		FEW			
***OVER/UNDER ROUTES CLEARANCE INFORMATION***							
<u>CLEARANCES OVER DECK</u> **NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.							
<u>VERTICAL CLEARANCE TYPE**</u>		<u>VALUE</u>		<u>DIRECTION</u>		<u>DATE</u>	
				<u>COMMENT</u>			
***REQUESTED WORK ITEMS***							
GENERAL WORK COMMENTS:							
<u>RESPONSIBILITY</u>		<u>LOCATION</u>		<u>ITEM</u>		<u>CATEGORY</u>	
						<u>PRIORITY</u>	
						<u>DATE</u>	
						<u>WORK ITEM COMMENT</u>	
***UTILITY ATTACHMENTS***							
<u>UTILITY</u>		<u>OWNER</u>		<u>METHOD</u>		<u>MEASUREMENT TYPE</u>	
						<u>VALUE</u>	
						<u>NUMBER</u>	
						<u>UTILITY ATTACHMENT COMMENT</u>	
***PROGRAM NOTES INFORMATION***							
<u>YEAR</u>		<u>PROJECT #</u>		<u>MONTH LET</u>		<u>YEAR LET</u>	
2024		J9S3611		1		2024	
				<u>ITEMS</u>		<u>COMMENT</u>	
				REPLACE BRIDGE			
***COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS***						***ADVANCED SIGN INFORMATION***	
NOTE: The items listed in this section are updated whenever computer edits are ran on a structure after the inspection updates have been entered in to TMS.						SIGN #	
						1	
<u>Rated Item</u>						SIGN TYPE	
<u>Rating</u>						PROBLEM	
<u>Rating Date</u>						PROBLEM DIRECTION	
[Item 67] Structure Evaluation Rating: 4-MEETS MINIMUM TOLERABLE							
[Item 68] Deck Geometry Rating: 4-MEETS MINIMUM TOLERABLE							
[Item 69] Underclearance: N-NOT APPLICABLE							
Sufficiency Rating: 35.1%							
Deficiency: STRUCTURAL							
Funding Eligibility: FULL							
Estimated New Structure Length: 59 FT.							
Estimated Structure Cost: \$250,000							
Estimated Total Project Cost: \$375,000							
Year of Cost Estimate: 2022							
NOTE: The above structure length and cost estimates are computer generated using algorithms in the TMS system. These algorithms are generalized to use NBI items to come up with a new structure length and width to calculate a new area which is taken times a representative cost per square foot. The actual structure size and cost may vary significantly from these numbers once site specific engineering is done.							
						***OUTFALL INSPECTION INFORMATION***	
						# OUTFALLS:	
						INSPECTOR:	
						STATUS:	
						DATE:	
						NOTES:	
Design_No = X0164							
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